

201

6.6
HW

p400 3-11, 16

3.

$$\frac{3}{AB} = \frac{4}{12}$$

$$AB = 9$$

4.

$$\frac{7}{12} = \frac{AB}{18}$$

$$AB = 21$$

5.

$$\frac{8}{5} = \frac{12}{7.5}$$

$$60 = 60 \checkmark$$

yes Conv Δ Prothm.

6.

$$\frac{9}{5} = \frac{24}{15}$$

$$10$$

7.

$$\frac{25}{22.5} = \frac{20}{18}$$

$$\frac{10}{9} = \frac{10}{9} \checkmark$$

yes Δ Prothm Conv

8.

$$\frac{C}{RS} = \frac{TS}{RS}$$

9.

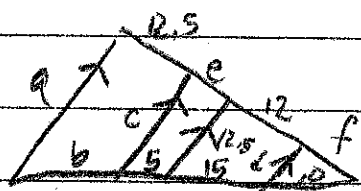
$$\frac{15}{21} = \frac{x}{14}$$

$$x = 10$$

10.

$$\frac{8}{4} = \frac{y}{6}$$

$$y = 12$$



16.

$$\frac{f}{12} = \frac{15}{15}$$

$$f = 8$$

$$\frac{16}{25} = \frac{d}{12.5}$$

$$d = 5$$

11.

$$\frac{3}{z} = \frac{4.5}{1.5}$$

$$z = 1$$

$$\frac{12}{e} = \frac{15}{5}$$

$$e = 4$$

$$\frac{12.5}{c} = \frac{25}{30}$$

$$c = 15$$

$$\frac{4}{12.5} = \frac{5}{b}$$

$$b = 15.625$$

$$\frac{a}{15} = \frac{45.625}{30}$$

$$a = 22.8125$$